# GAZOPHYLACII NATURÆ & ARTIS DECAS PRIMA.

968. b. 13
2

In quâ ANIMALIA, QUADRUPEDA, AVES, PISCES, REPTILIA, INSECTA, VEGETABILIA; Item FOSSILIA, Corpora MARINA & STIRPES MINERALES è *Terra* eruta, LAPIDES figurâ insignes &c.

DESCRIPTIONIBUS brevibus & ICONIBUS illustrantur.

Hisce Annexa erit *Supellex* ANTIQUARIA, NUMISMATA, GEMMÆ excisæ, & sculpturæ, Opera Figulina, Lucernæ, Urnæ, Instrumenta varia, INSCRIPTIONES, BUSTA, reliquaque ad rem priscam spectantia: Item MACHINÆ, EFFIGIES clarorum virorum, omniaque ARTE producta.

PATRONIS suis & MOECENATIBUS

D. D. D.

*JACOBUS PETIVER.*

K

*LONDINI:*

Ex Officinâ *Christ. Bateman* ad insignia *Bibliæ & Coronæ*, vico vulgo dict. *Pater-Noster-Row*. MDCCII.

## ADVERTISEMENT.

WHereas for the Encouragement of this Undertaking, ſeveral Worthy Perſons have Voluntarily been pleaſed to depoſite each a *Guinea* towards the Charge of theſe Plates, and others have promiſed to do the like or more ſoon as this *Firſt Decade* is publiſhed: This is therefore to ſatisfie ſuch Curious Perſons, that there are more *Tables* already done, and that the *Second Decade* will contain many things New and very Rare, which ſhall be publiſhed with all convenient Speed.

And for the Encouragement of ſuch other Perſons as ſhall advance 10 *Shil.* or a greater Summ, they ſhall immediately receive one half in what I have already publiſhed at the following Prizes, and the others as they come out.

| | *To Subſcribers.* | | | *To others.* | | |
|---|---|---|---|---|---|---|
| My 8 Centuries | 0 | 2 | 6 | 0 | 3 | 6 |
| Labells to *Engliſh* Plants above 400 | 0 | 2 | 0 | 0 | 3 | 0 |
| Labells to *Officinal* Plants about 400 | 0 | 2 | 0 | 0 | 3 | 0 |
| *Gazophylac.* Nat. & Artis *Dec.* 1. | 0 | 4 | 0 | 0 | 5 | 0 |
| The ſame moſtly painted. | 1 | 1 | 6 | 1 | 5 | 0 |
| The *Catalogus* ſeperate. | 0 | 0 | 6 | 0 | 1 | 0 |

Deſigning the Continuation of theſe Tables, as by ſeveral Friends I am earneſtly deſired, if therefore any Curious Perſons, that are Lovers either of Art or Nature, will be pleaſed to communicate to me the things themſelves, or their Deſigns of whatever is Curious under any Head mentioned in the Title Page of my GAZOPHYLACIUM NATURÆ & ARTIS, I will take care to inſert them in my ſucceeding DECADES with a juſt Acknowledgment of them and the things they ſend, they pleaſe to direct them

For their *Humble Servant*

JAMES PETIVER

in *Alderſgate-ſtreet* London.

# GAZOPHYLACII NATURÆ &c.

## TAB. I.

1. LAcertus MARIANUS minor caudâ cæruleâ. *This is very particular in having a blew ſhining Tail, and is found about Trees in* MARYLAND, *from whence it was obſerved by my Curious Friend, Dr.* DAVID KRIEG *M. D. & S. R. S.*

2. Piſcis *Quadrangularis* parvus, verrucoſus & reticularus. *Taken out of the Stomach of a* Cod-fiſh, *in an* East India *Voyage by* Mr. JAMES WHITE, *Surgeon.*

3. Oſcabrion CAROLINIANUS perelegans, ſquammis bifariam variegatus. *This elegant Animal was given me by my* Honoured Friend Dr. MARTYN LISTER, *one of her* Majeſties *Principal* Phyſicians, *to whom it was ſent from* CAROLINA.

4. Aſellus marinus, e nigro luteoque ſtriatus. Sea-Hog-louſe. *Brought up with* Angling *in* SMYRNA *Bay, and given me by* Mr. JOB MATHEWS Apothecary. an *Pediculus Marinus* Rond. *Piſc.* 576. Fig. L. 18. C. 28? an Poul de Mer *Rond. Poiſ.* 412. Fig. L. 18. c. 76?

5. *Scarabeolus* Hemiſphæricus *Cochinelifer*. Cochinilla & Coccinilla *Offic.* Dale 539. 5. COCHINEAL. Act. Phil. 176. p. 1202. & No. 193. *It is here repreſented in iſt ſeveral ſtates, that to the right being the Beetle, to the left the* Chryſalis, *and below as we have them in the Shops.*

6. Plan-Orbis INDICA, ex caſtaneo alboque ſtriato, umbilico parulo. *This was brought from* Fort St. George, *to my Curious Friend* Dr. Grey.

*A.* 7. Papilio Leucomelanus CANTABRIGIENSIS. *nobis.* Papilio *Leucomelanus* ſubtus virideſcens marmoreus *Muſ.* Petiver. 304. *Vernon's* half-Mourner. *I know not of any that hath met with this in* ENGLAND, *but* Mr. Vernon *about* Cambridge, *and there very rare.*

8. Papilio ULISIPONENSIS ex nigro luteoque mixtus, maculis ſanguineis aſperſis. *This is eminently diſtinguiſh'd from others, in being ſprinkled with ſome bloody Spots: It was obſerved about* Lisbon *by my Curious Friend* Mr. Jezreel Jones.

9. Xeranthemum ſpecioſum e *CAP. BON. SP.* fl. albo maximo *Muſ.* PETIVER. 500. Aſter *GNAPHALOIDES* fl. albo *Cap. B. Sp.* Breyn. *Cent.* 179. 2. Chryſocome ſ. Argyrocome Gnaphaloides *Africana* ampliſſimis floribus *Breyn.* pr. 1. p. 27. ? an Elychryſum *Africanum* lanuginoſum latifolium, calyce floris argenteo & ampliſſimo *Oldenl.* Inſt. Rei Herb. 453. pl. 17. ? *I received this elegant Plant from* Dr. Frederick Ruych, *that accurate* Anatomiſt, *and Curious* Botaniſt *of* Amſterdam: *It being the only Specimen I have yet ſeen. It's diſtinguiſh'd from all others by its large white ſtrawy Flowers and thick Cloath-like Leaves.*

10. Plantago MARIANA ſpicâ prætenue *Muſ.* PETIVER. 668. *This I had from* Dr. David Krieg, *who gathered it in* MARYLAND.

11. Ornitholgalum VIRGINIANUM luteum, foliis Gramineis hirſutis. *nobis.* Ornithogalum *luteum* parvum, foliis hirſutis D. BANISTER. *Ray H. Pl.* 1927. *This is pretty common in* CAROLINA, MARYLAND *and* VIRGINIA. *Its hairy Graſslike Leaves diſtinguiſh it from all I have yet ſeen.*

12. Gladiolus lacuſtris VIRGINIANUS cæruleus, Sagittariæ folio. *nobis.* Sagittariæ *ſimilis*, planta paluſtris *Virginiana* ſpicâ florum cæruleâ. D. BANISTER. *H. Oxon.* Sect. 15. p. 618. Tab. 4. Fig. 8. *I have received this from* MARY-LAND and VIRGINIA; *as alſo from* Mr. Edm. Bohun *who gathered it in* South Carolina, *where it* Flowers *in* June and July, *and is called by them* Wake-Robin.

13. Baccifera MARIANA, Clematis Daphnoidis minoris folio *Muſ.* PETIVER. 363.

*To the moſt Reverend Father in God,* THOMAS *Lord* ARCHBISHOP *of* CANTERBURY, Metropolitan *of* ENGLAND *&c. This* TABLE *is humbly dedicated by* JAMES PETIVER. *F. R. S.*

GA-

# GAZOPHYLACII NATURÆ &c. TAB. II.

1. CApricornus NORWEGICUS nigreſcens, vaginis punctatis maculiſque pallidis aſperſis. *Mr. Richard Wheeler* ſent me this from NORWAY.

2. Cantharus MARIANUS viridis perelegans, vaginis ſulcatis, ſignaturis flaveſcentibus ornatis. *This rare and elegant Inſect was firſt diſcovered in* MARY-LAND *by the Reverend* Mr. Hugh Jones.

3. Papilio MARIANUS fuſcus, areâ marginali oculatâ. *This alſo came from the ſame Hand.*

4. Muſca AFRICANA flaveſcens, caudâ triſetâ, alis nebuloſis. *Mr. Richard Planer* caught this at *Cape Mount Serrado* near GUINEA.

5. Anagallis MARIANA lutea, foliis latis ſtellatis. *This elegant Plant is diſtinguiſh'd by its broad Leaves, there being another ſort which I have ſeen from thoſe Parts with more, and much narrower.*

6. Schænanthus Avenaceus procumbens MADRASPATANUS *Beupleuri facie Muſ. noſt.* 577. *The heads of this* Camels-hay *are much ſmaller and ſhorter than any other Species I have yet ſeen, as are its* Leaves *and its* Sheaths.

7. Gramen Lagopoides GUINEENSE, ſpica longa nutante *Muſei noſtri* 238. *This* Graſs *hath* Spikes *upright as well as bending, particularly while they are young, as I have lately obſerved in ſeveral Speciment Collected by* Mr. Watt *and* Mr. Skeen *Surgeons at* Cape 3 Puntas *on the Coaſt of* Guinnea.

8. *Ilicis* foliis exiguis Frutex *Orientalis* Muſ. noſt. 250. *This* Shrub *has elegant ſhining Leaves, I ſhould be glad to ſee it in* Flower *and* Fruit. Capt. Conway *brought it me from* Suratt.

9. Erica *Promont. Bonæ Spei* floribus albidis ſtaminulis rubris *Muſ.* noſtr. 636. *This is known by its Cottony Heads with ſhort red Stamina, and its ſmooth Leaves diſtinguiſh it from* Muſ. *noſt.* 765.

10. Erica carnea *Promont. Bonæ Spei*, foliis & floribus villoſis *Muſ. Noſt.* 637. *This has Cottony Heads like the laſt, but they are commonly green and ſometimes yellowiſh as if mouldy, and from theſe Heads proceed no ſtamina as in the other.*

*A.* 11. Papilio minor ſupernè fuſcus, infernè viridis. *Obſerved by* Madam Glanvil *in the* Weſt *of* ENGLAND, *as alſo by* Mr. Antrobus *about* CAMBRIDGE, *I have alſo once or twice ſeen it about* LONDON.

12. Scarabeus ALEPENSIS parvus villoſus, vaginis e fuſco aureoque mixtis. *Mr. Samuel Daniel* Surgeon, *caught this about* Aleppo.

*To the* Right Reverend Father *in* God HENRY Lord Biſhop *of* LONDON &c. *this* Table *is humbly* Dedicated *by* JAMES PETIVER *F. R. S.*

## GAZOPHYL. NATURÆ ET ARTIS.

## TAB. III.

† 1. Libella TURCICA major, alis Locuſtæ. *The ſprinkled Clouds in the Wings of this* Adder-bolt, *are very dark, near to black.* Caught *about* Aleppo, *by* Mr. Sam. Daniel *Surgeon.*

† 2. Phalena MARIANA minor fulva, maculis nigris, albâ lineâ pulchrè aſperſis. *This elegant Moth I firſt received from* Mary-land *and ſince from* Carolina.

3 Phalena MONSPELIACA alba minor ſpecioſa, maculis ſanguineis nigriſque aſperſis. *This rare and beautiful Fly came among thoſe Inſects, which* Mr. Hen. Goff *and his* Brother *was pleaſed to give me,* Collected *in* India, *which the late worthy* Mr. Charlton *aſſured me he had long ſince caught about* Mompelier, *and upon comparing his with this, I find them the ſame.*

4. Papilio GUINEENSIS nigreſcens, lituris albis aſperſa. *Mr. Edward Bartar formerly ſent me this from Cape Coaſt in* Guinea. *The Ground of its Wings are black above and ruſty below.*

5. Capricornus CAPENSIS niger, faſciis Aurantiacis.

6. Locuſta CAPENSIS, alis inferioribus luteis. *This and the laſt were ſent me from the* Cape of Good Hope, *with ſeveral other Inſects very curiouſly preſerved, by my ingenious friend* Mr. John Starrenburgh.

7. Erica

7. Erica CAPENSIS Coridis folio, flore rubello.

8. Tomineio MARIANA virescens, gutture flammeo. The *Humming* Flame-Throat. *an* Guai-numbi 8. *Marcgr.* L. 5. c. 4. p. 197. 8? *Ray Ornith.* 167. 8. id. *Angl.* 232. 8. Tab. 42. Fig. 7. 9? *an* Ouressia sive Tomineio *Clus.* Exot. L. 5. c. 2. p. 96. Fig.? *The Reverend* Mr. Hugh Jones *sent me this beautiful Bird from* MARY-LAND.

9. Breyniana *Cineroides* CAPENSIS *nobis.* Frutex cineraceus muscosus *Capitis Bonæ Spei.* Breyn. *Cent.* 24. c. 12. Fig. Tamarisci *seu* Myrica fortè genus *Æthiopicum* Pluk. *Tab.* 297. Fig. 1. *Alm.* Bot. 159. pl. 13. & Tamarisci *seu* Myricæ fortè genus *Æthiopicum*, muricato fructu intus tomentoso *Alm. Bot.* 361. pl. 11. *This, the next and* Fig. 7. Mr. John Starrenburgh *sent me with many other fair Specimens from the* Cape of Good Hope.

10. Hippuris *Coralloides* carnea, CAPENSIS, geniculis limosis.

11. Patella INDICA compressa orificio magno ovali. *Mr. Charles Perry Surgeon* collected this in a Voyage to the *East Indies.*

12. Patella compressa, parva, exotica, orificio strictiori. *Given me by the Reverend* Mr. William Stonestreet.

*To Her Grace* MARY, *Dutchess Dowager of* BEAUFORT, *This* TABLE *is humbly Dedicated, by* JAMES PETIVER, *F. R. S.*

## GAZOPHYLACII NATURÆ & ARTIS.

### TAB. IV.

*Fig.* 1. Cleada CAPENSIS variegata, marginibus transparentibus. *Mr. John Starrenburgh* sent me this elegant Fly from the *Cape of Good Hope.*

2. Papilio MEXICANUS nigrescens, lineâ lutescente areâ miniaceâ notabili *Mus. nost.* 515. Caught at *La Vera Cruce* by *Mr. John Kirckwood* Surgeon.

3. Papilio MADRASPATANUS medius, flavedine & fusco mixtus, liturâ cæruleâ insignitus *S. B.* 5. 6. seu *Act. Phil.*

*Phil.* No. 276. p. 1023. 6. *This ſingular Butterfly* Mr. Edw. Bulkley *ſent me from* Fort St. George.

4. Adiantum Philippenſe, folio rotundo laciniato. *Taken from a Deſign the Reverend Father* George Joſeph Camel *ſent* Mr. Ray *and me, from the* Philippine Iſles.

5. Buccinulum album, lineâ ſanguineâ ſpirale. *This ſingular and elegant Shell, the Reverend* Mr. Hugh Jones *gave me before his Departure to* Mary-land.

6. Stella CHINENSIS perelegans dupliciter radiata. S. B. 5. 1. ſeu *Act. Phil.* No. 276. p. 1023. 1. *Mr. Samuel Brown* procured me this odd Animal from *China*.

7. Capricornulus ORIENTALIS viridis guttulis nigris. *Given me by* Mr. Nich. Staphurſt, *who found it on Ship-board in a Voyage from the* Eaſt Indies.

8. Umbilicus ORIENTALIS anguſtus ſerratus fuſcus. *an* Unguis odoratus *CB* in *Matth.* 246. c. 8. Fig. ? *Matth.* in *Dioſc.* edit. *Valgris. A. D.* 1560 p. 181. c. 8. Fig. ? *Lonicer*, in *Dioſc.* p. 96. c. 7. Fig. Bizantia *Pomet.* pt. 2. p. 97. Fig. Ονυξ *Græc.* Achfar ateb *aut* Adfar althaib. *Arab.* i. e Ungula aromatica *Lat.* Ongle aromatique *Gal.* Narrow Conk-lid. *Mr. Charles Perry Surgeon* brought me this only one I have yet ſeen from the *Eaſt Indies*.

9. Umbilicus latus fuſcus. *nobis.* Blatta *Pomet.* pt. 2. p. 97. Fig. bonâ. Blatta Bizantia *Offic.* Dale 549. 4. Purpura *Lonicери* in *Dioſc.* p. 96. c. 7. Fig. bon. Cheſnut Oyſter *Muſ.* Reg. Soc. 141. Tab. 12. *Fig.* opt. Broad Conk-lid. *Parkinſon* p. 1574. c. 14. *gives us Figures much reſembling both theſe, and of this laſt 2 or 3 Varieties. I hope in time to receive theſe in their proper Shells, which will then enable me to give a better Account of both.*

✕ 10. Cochlea BENGALENSIS ore lacerato. *an* Cochlea compreſſa variegata, lateribus acutis, ſenis minimum dentibus donata *Liſt.* H. C. L. 4. S. 5. Fig. 31. Tab. 577? *Mr. Stocker* found this Shell in the *Bay of Bengale*.

11. Fungus CAPENSIS ſubtus poroſus. *This above reſembles our* Rain-bow Muſhrome, *but underneath is pounc'd like a Thimble. My kind Friend* Mr. John Heardſon *Apothecary, gathered this at the* Cape of Good Hope *in his Way to* Suratt.

✕ 12. Alga Spongioides MONSPESSULANA viridis. *Sent me from* Mompelier, *by that curious Phyſitian and Botaniſt* Dr. NISSOLE.

To

*To the Right Honourable* CHARLES *Earl of* DORSET *and* MIDDLESEX, *This* TABLE *is humbly Dedicated by* JAMES. PETIVER *F. R. S.*

# GAZOPHYLACII NATURÆ & ARTIS,

## TAB. V.

Fig. 1. Concha *Veneris* parva undata, ventre maculato. ✗ Concha *Veneris* parva, ventre ſublutreo maculoſo, dorſo undatis lineolis ex triplice ordine depicto *Liſt.* H. C. L. 4. S. 9. *Tab.* 661. *Fig.* 5. *It's eaſily diſtinguiſh'd from all others, by its peculiar Waves and ſpotted Belly.*

2. Abrotanoides CAPENSIS *Ericæ* folio. *This and Fig.* 4. Mr. John Starrenburgh *ſent me from the* CAPE.

3. *Echinus* ovarius BARBADENSIS, radiis quinque geminis venuſté ſtriatus *Muſ. Petiver.* 124.

4. *Breyniana* CAPENSIS, capitulis albis plumoſis. *Were it not for its plumoſe Heads this exactly reſembles* Fig. 9. Tab. 3. *of our* GAZOPHYLACIUM.

5. Unicornu WIDENSE nodoſum & verrucoſum. *an* ✗ Buccinum *fuſcum*, nodoſis ſtriis diſtinctum *Liſt.* H. C. L. 2. *Tab.* 122. Fig. 18. *Obſerved at* WIDA *on the Coaſt of* Guinnea, *by* Mr. Wat Surgeon, *and given me by* Mr. Skeen. Mr. John Kirckwood *hath alſo found it at* Old Calabar.

6. Linulum CAROLINIANUM humiſtratum *Knawel* facie. *This was brought me by my kind Friend* Mr. Edm. Bohun *who obſerved it about* Gooſe Creek *in* South CAROLINA.

7. Lewiſanus CAPENSIS *Serpilli* folio. *This differs from No.* 785. Muſei noſtri, *in having its Leaves almoſt round, like* Mother of Thyme.

8. *Onagræ* minima MADRASPATANA *Pimpinellæ* acutiore folio. *an* Onagra *Americana* folio *Betonicæ* fructu hiſpido *Inſt. Rei* Herb. 302. 6.

9. Folliculena *ſeu* Folliculum *Phalenæ* ovale, appendice annulo terminante é MADRASPATAN *S. B.* 3. 11. *ſeu* Act. Phil. No. 271. p. 860. 11. *The* Ring-Coffin. *This and the laſt* Mr. Edw. Bulkley *ſent me from* Fort St. George.

10. Xeran

10. Xeranthemum CAPENSE *Tartonraire* folio. *This altogether new and elegant Plant with the next,* Mr. John Starrenburgh *sent me from the* CAPE.

11. *Genista* tinctoria CAPENSIS, purpurea, foliis sericeis. *an* GENISTA *Africana* fruteſcens, foliis *Tartonraire*, fl. purpureo OLDENL. *Inſt. R. H.* 644. 10?

12. *Stratiotes* quadrifolia *Lujulæ* facie. *an* Lemna *Theophraſt.* Lugd. 1014. c. 11. Fig. *an* Lens paluſtris, altera *C B.* in *Matth.* 783. Fig. 2. *Lac. Lugd.* 1015. Fig? *Lens* paluſtris quadrifolia *C B* Phyt. Fig. 7. 1. *I B.* V 3. l. 38. p. 777. Fig. *Chabr.* 566. Fig 3. *Park.* 1262. Fig. 2. Lente paluſtre *Durant.* app. Fig. *an* Lenticula paluſtris quadrifolia CB. 362. 4. paluſtris tetraphyllos *IB.* prodr. 115. 2. paluſtris 2. Tab. *an* Lenticulæ alterum genus *Cæſalp. This* Specimen *here Figured, I had from* WIDA *in* Guinea, *which having ſingle Leaves only, beſt agrees with the* Lemma *Theoph.* Lugd. 1014. *From* Fort St. George *I have received what I take to be the ſame in Branches which very well agrees with the other Figure of* Lugd. p. 1015. *and the other Authors abovementioned, I have not as yet ſeen an* European *Specimen, by which I ſhould be the better able to judge.*

*To* Sr. JOHN HOSKYNS Knt. *and* V. P. R. S. *this* TABLE *is humbly Dedicated by* JAM. PETIVER. F. R. S.

## GAZOPHYLACII NATURÆ & ARTIS, TAB. VI.

Fig. 1. *Avis* MARY-LANDICA, gutture luteo. *The* Mary-Land Yellow-Throat. *This and the next the Reverend* Mr. Hugh Jones *ſent me from* MARY-LAND.

2. Randalia MARIANA procerior. *nobis.* Planta *Mariana* capitulis albis conglobatis *Muſ. PETIVER.* 668. *Mary-Land* Randall-wort.

3. Cupreſſus CHUSANENSIS *Abietis* folio. *Mr. James Cuninghame* Surgeon ſent me this with many other Curious Plants from CHUSAN an Iſland near LIAMPO in *China.* The *Leaves* are triangular, carinated, ſtiff, and ſtand off from

from the Stalk, its Seed is brown and small, not much unlike *Buck-Wheat* but not so regular.

4. Conophorus CAPENSIS foliis parvis obtusis, *mihi*. *Alysson* à Promont. *Bonæ Spei* foliis minimis *Mus. Petiv.* 604.

5. Anguis *Exotica*, fusca, dorso albis maculis aspersis. *This elegant Snake I received from my worthy Friend* Dr. Godfrey Bidloo, Anatomick Professor *at* Leyden, *and* Physitian *to his late Majesty King* WILLIAM.

6. Musca CAROLINIANA nigrescens, antennis magnis plumosis. *My kind Friend* Mr. Rob. Ellis *sent me this wonderful Fly from* Carolina.

7. Papilio CARTAGENIUS nigrescens, albâ lineâ prope extremitatibus alarum. *Mr. Richard Player Surgeon* brought me this from *Carthagena* in *America*.

8. Concha Veneris *Rumphii*, albida minor levis, circulo croceo *S. B.* 5. 35. seu *Act. Phil.* No. 276. p. 1018. 35. *where I have given you other Synonyms and its comparative Difference*.

9. Papilio ANGOLENSIS, *margine pulchrè oculata*: Mr. John Kirckwood Surgeon *was the first who discovered this elegant Fly at* Angola.

10. Balanus *Chinensis* cristatus *mihi*. an Balanus compressa & squammata *Mus. Regal.* Soc. 149. an Balanus *Rond.* aq. c. 29. p. 28. Fig à Glans de Mer *Rond.* Gallic. c. 25. p. 21. Fig? an Scaled Centre Shell *Mus. Regal.* Soc. Tab. 12. Fig. 6? *That most Curious Naturalist* Mr. James Cuninghame *first observed this at* Emuy *and since at* Chusan. *This seems very much to resemble the figures in* Rondelet.

11. Jacea CAPENSIS Gnaphalii folio. an Jacea *Æthiopica* Stœchadis citrinæ majoribus tomentosis foliis, capitulorum spinis & squammulis ex aureo colore nitentibus. *Alm. Bot.* 196. 6. Tab. 302. Fig. 3?

12. Papilio CAROLINIANA nigrescens maculis luteis. *My Kind Friend* Mr. Edmund Bohun *first observed this Butterfly in* CAROLINA.

*To the Honourable* Capt. CHARLES HATTON, *this Table is humbly dedicated by* JAMES PETIVER F. R. S.

## GAZOPHYLACII NATURÆ & ARTIS, Tab. 7.

Fig. 1. GNaphalium CAPENSE spicatum, *Alyssi* foliis. *I am obliged to* Dr. Frederick Ruysch *Professor of Anatomy and Botany at Amstelodam* for the discovery of this Plant.

2. Parietaria CANARIENSIS foliis ſerratis ſubtus lanuginoſis. *This elegant Plant was firſt obſerved at the* Canaries *by my ingenious Friend* Mr. James Cuninghame.

3. Argyrocome Capitis *Bonæ Spei* Thymi foliis *Muſ. Petiver.* 144.

4. Argyrocome *Virginiana* Atriplicis folio *nobis.* Conyza *Virginiana* Halimi folio *Inſt. Rei* Herb. 457. 7. Elychryſo affinis *Virginiana* fruteſcens foliis Chenopodii glaucis *Pluck.* Tab. 27. Fig. 2. *Alm. Bot.* 134. pl. 12. Pſeudo-Helichryſum *Virginianum* fruteſcens Halimi latiori foliis glaucis *H. Ox.* Sect. 7. p. 90. Tab. 10. Ser. 3. Fig. 2. No. 4. & Tab. 17. Ser. 3. Fig. ult. Senecio *Virginianus* arboreſcens *Par. Bat.* 225. Fig. & Deſc. *Senecio* fruteſcens *Virginiana* Atriplicis folio *Ray* 1799. 14. *and* 1861. 6. *I have obſerved this in* Flower, *in the* Biſhop of LONDON *his moſt* Curious Garden *at* Fulham.

† 5. Papilio LUSITANICUS oculatus & marmoreatus. *The* Portugal Grayling. *Caught about* Lisbon *by* Mr. Jezreel Jones.

6. Folliculena CAROLINIANA e virgulis cooperta. *This* Caſe-worm *as* Mr. Edward Bohun *calls it, he obſerved many times in the Woods in* Carolina *about* July; *Theſe are faſtened to a ſort of* Willow *and guarded with little bits of Twigs like thoſe I have obſerved on the* Phryganium *or* Caddus *in our Rivers.*

*A.* 7. Phalena *Occidental. Angliæ* lituris ex aureo & argenteo mixtis.

*A.* 8. Phalena *Occident. Angliæ* alba, ſignaturis nigris undatis. *This, the laſt, and* Fig. 11. *all very rare, were firſt diſcovered in the* Weſt *of* England *by* Madam Glanvil *a Perſon extremely curious in the Knowledge of* Engliſh *Inſects.*

9. Tomineo CAPENSIS major, capite luteo. *This beautiful Bird I figured from a Painting my worthy Friend* Dr. David Krieg F. R. S. *ſent me from* Riga, *whilſt it was beſieged.* Mr. John Rance Surgeon (*to whom I am obliged for ſeveral Shells he brought me from* Borneo) *tells me he hath often obſerved this Bird at the* Cape of Good Hope, *and that it hath a very long Tongue, which it ſhews into* Flowers *as other* humming Birds.

10. Papilio CAROLINIANUS luteus, apicibus nigris. *I am extreamly obliged to that Generous Gentlewoman* Madam Williams, *who firſt ſent me this with ſeveral other very Curious Butterflies from* Carolina.

11. Pha-

*A.* 11. Phalena *Occidentalis Angliæ*, virescens, lineis obliquis albescentibus. *This rare Moth with many others* Madam Glanvil *was pleased to give me, who had observed them in the* West *of* England.

12. Muscus Ceranoides PALMENSIS comis digitatis, *Orchili* dictus *Mus. Petiver.* 436. *I take this to be the same which* Theverus *says grows in the* Canary Islands *especially* Ferro, *on the Rocky Mountains where they call it* Oricelle *and the* Arabians *Serth*, with which they give a fine Dye to their *Spanish Leather* Hist. *Lugd.* p. 175. lin. 13. Mr. James Cunighame *who gathered it at* Palma *one of the* Canary Isles, *says they call it there* Orchili, *and use it for Dying.*

*To* Dr. MARTIN LISTER *Her Majesties Physician and* F. R. S. *This* Table *is humbly dedicated by* JAMES PETIVER, F. R. S.

## GAZOPHYLACII NATURÆ & ARTIS Tab. 8.

Fig. 1. EUpatoroides *Capensis* capitatus. *First received from* Mr. John Starrenburgh.

2. Persicula guttulis croceis lineata. *an* Buccinum *Persicum* parvum, maculis rufis dense depictum *List.* H. C. l. 4. *Sect.* 11. *Tab.* 803. *Fig.* 10.

3. *Concha Veneris* parva, fulva, circulis albis. *an* C. V. parva, ventre & lateribus albidis, dorso subflavo, albis majusculis & sphæricis distincto *List.* H. C. l. 4. S. 9. *Tab.* 695. *Fig.* 42. Buff. Leopard *Cowry.*

4. Rhinoceros *Lusitan.* niger splendens vaginis striatis. *an* Scarabeus Rhinoceros 3. *Aldr.* Insect. 451. Tab. 2. Fig. 3. *id.* Fr. 179. col. 1. Tab. p. 178. Fig. 3. *The* Beetle *Figured* on the Right Hand of the *Cervus volans* in *Imperatus* p. 694. seems very much to resemble this. *Mr. Jezreel Jones* caught it about *Lisbon.*

5. Capricornulus *Norwegicus* vaginis marmoreatis, antennis brevibus. *This and* Fig. 9. Mr. Richard Wheeler *sent from* Norway.

6. Scarabeus *Capensis* pilosus vaginis rubris, plurimis punctulis albis aspersis. *This elegant Beetle* Mr. Starrenburgh *sent me amongst other* Cape Insects.

7. Phalena plumata permaxima *Orientalis* oculata *Mus. Petiver.* 729. *Goliah.* Mr. James Cuninghame *sent me this caught by* Mr. George Thurlow *in the* Straits *of* Sunda, *as* Mr. Hunter Surgeon, *since his Return from Chusan* informs me.

8. Ca-

8. Capricornus *Ruſſicus* cinereus, cornubus longiſſimis *Scarabeus* 7 ex Ruſſia *Moſſ.* 151. Fig. *id.* Angl. 1007. Fig. and 1008 *Deſcr.* Dr. Godfried Klem *one of the* Czar's Phyſicians *ſent me this from* Muſcow: *The ſame was alſo found by* Mr. Handley *a Neighbour in his own Garden here in* London.

9. Curculio *Norwegicus* niger, ſignaturis flaveſcentibus aſperſis.

10. *Perſicula* lineis croceis circundata. *an* Buccinum *Perſicum* parvum, faſciis rufis denſe depictum *Liſt.* H. C. l. 4. *Sect.* 11. *Tab.* 803. *Fig.* 9? *This has Lines inſtead of Specks, in which it differs from* Fig. 2. *above.*

11 *Cimex* ſuccinatus pedibus abſque nigerrimis. *I am not certain from whence I received this, perhaps from the* Cape.

12. Pinago *Capenſis* minor ſpicata. *This has the Face of our* Engliſh Cudweed *but much leſs.*

*To* Dr. Tancred Robinſon *Fellow of the Colledge of Phyſicians and Royal Society, this Table is humbly dedicated by* J. Petiver.

## GAZOPHYLACII NATURÆ & ARTIS, Tab. 9.

Fig. 1. TEſtudinulus *Philippenſis* luteus, nigro maculatus. *The* Luzone *Turtle-Lady, I thus call it to diſtinguiſh it from* Fig. 3. *in the next* Table.

2, 3. Aurelia & Erucago *Ejuſdem. Theſe are after the Deſigns the Reverend Father* George Joſeph Camel *lately ſent me from* Manilia.

4. Buccinulum dentatum *Mediterraneum*, ſtriis faſciatis maculatum. *an* Buccinum *dentatum* parvum, leviter ſtriarum variegatum ventrioſum *Liſt.* H. C. l. 4. *Sect.* 11. Tab. 823. Fig. 42?

5. Papilio *Angolenſis* ex pullo alboque mixtus. *Brought from* Angola *by* Mr. John Kirckwood *Surgeon.*

6. Alga *tubuloſa* albida navibus adhærens. *This I found plentifully growing to a* Ships *ſide in the River* Thames.

7. Concha *Veneris* minor, maculata & oculata. *nobis.* C. V. parva, latiuſcula, paululum gibboſa, ventre maculoſo dorſo, fuſco & albis innumeris & paucis nigris puncturis depicto *Liſt.* H. C. l. 4. S. 9. Tab. 696. Fig. 43.

8. Cato Simius volans *Cameli. The* Flying Cat-Monkey. *See its Deſcription in the* Philoſophical Tranſactions *No.* 277. p. 1065. 1. *This ſtrange Animal is found in the* Philippine Iſles, *and its uſual Abode there is on* Trees.

9. Ba-

9. *Bulimus* compressus albus, sex fissuris sulcatus. *nobis. Act. Phil.* No. 255. p. 10. *This odd Shell* Mr. James Cuninghame *brought me among the rest from the* Isle *of* Ascension.

10. Papilio albus *Angolensis* apicibus miniaceis. Mr. John Kirckwood *first brought me this from* Angola, *it hath since been caught at* Wida, *by* Mr. Watt *and* Mr. Skeen *Surgeons.*

11. Papilio *Capensis* flavescens versicolor, apicibus nigrescentibus. *This singular Fly* Mr. John Starrenburgh *sent me from the* Cape of Good Hope, *the ground of its Wings are yellow, varying with a Philamot Blush, if they hold it at a certain Position between you and the Light.*

12. Tipula *Londinensis* angustissima. *This I have observed on some* Ponds *about* London: *It's much slenderer and less than the common* Water-Spider.

13. Tipula *Hamstedensis* brevior, ex croceo variegata. *I have as yet met with this only in some Ditches about* Bell-size *at* Hamstead.

14. Alga verrucosa *Capensis. My Curious Friend* Mr. Starrenburgh *sent me this with several other elegant* Sea-Productions, *which shall be* figured *in my next* Decade.

*To* Dr. HANS SLOAN, Fellow of the College of Physicians, Secretary *of the* Royal Society *&c. This Plate is humbly Dedicated by* JAMES PETIVER F.R.S.

## GAZOPHYLACII NATURÆ & ARTIS Tab. 10.

Fig. 1. MElilotus *Suratensis* minimus. Mr. John Heardson, *was so kind to send me this amongst other Plants which he collected about* Surat.

2. Hemisphæricus *Luzonicus* luteus, nigro insignitus. *Here are represented the different changes of this* Cow-Lady, *after the Design which* Father Camelli *sent me.*

3. Anguis *CAPENSIS* tricolor. *The Back of this is red, the Sides yellow, and the Spots black. I figured this from a Painting* Dr. David Krieg *F. R. S. sent me from* Riga. *This* Serpent *with several other* Animals *I find amongst some* CAPE Paintings, *which our worthy Kinsman* Dr. Sherard *hath lately given me to* Figure, *several of them I have already done in my next* Decade.

4. Scarabeus elasticus major *Americanus*, capite bimaculato *Act. Phil.* No. 246. p. 396. 13. & *Scarabeus* colore griseo, scapulis binis quasi oculis nigris, mollitie pubescentibus notatus *Act. Phil.* No. 271. p. 812. 32. *The* Velvet-eyed

*Virgi-*

*Virginia* Snap-Beetle, *See its* Deſcription *with* Mr. Baniſter's Remarks and mine *in the Two aforeſaid Places.*

5. Perſicodes argentea, maculis nigris.

6. Papilio *Sulphureus*, lunulis cæruleis, nigris lituris inſignitus. *This exactly reſembles our* Engliſh Brimſtone Butterfly *Muſ. noſt.* No. 1. *were it not for thoſe black Spots, and apparent blue Moons in the lower Wings.* This is the only one I have yet ſeen.

7. Coccothraustus *CAPENSIS* ruber, roſtro hiante, è *Pithuris* D. Krieg. *The* Cape-Cardinal. *This in Colour and Shape very much reſembles the* Virginia Red-Bird *or* Nightingale, *in* Mr. Ray *of* Birds p. 245. Tab. 44. Fig. 2. *But what is peculiar to this is its* cleft Bill. *My Kind Freind* Mr. Rance Surgeon *tells me he hath frequently ſeen this Bird at the* Cape *where it's called the* CARDINAL.

*A.* 8. Buccinulum *fluviatile* heteroſtrophon. *I have met with theſe in ſome* Ponds *and* Ditches *about* London.

9. Papilio *Surinamenſis* caudatus minor, verruculis ex aureo argenteis, ſubtus eleganter aſperſis. *This very beautiful Butterfly with* Fig. 6. *my late worthy Friend* Mr. William Charlton *gave me to* Figure *a little before his* Death: *I have lately received it with* 3 *or* 4 *other* Surinam Flies, *which were altogether new to me, from* Dr. Frederick Ruyſch *Phyſician and Botaniſt at* Amſterdam.

10. Muſcus Scoticus Corallio incruſtatus. *Got in a freſh River near* Clacmannan *on* Forth *within a few Miles of* Stirling; *procur'd me thence by my Curious and Worthy Friend* Mr. James Hamilton Surgeon *in* Edinburgh.

11. Planorbis minor fluviatilis acie acutâ. *Cochlea* fuſca limbo circumſcripta *Liſt.* H. C. l. 2. Tab. 138. Fig. 42. *Cochlea* fuſca altera parte, planior & limbo inſignita, 4 ſpirarum L. A. *Angl.* Hiſt. p. 145. Fig. 27. *I have obſerved this in the ſlow running* Waters *beyond* Weſtminſter, *and in ſeveral little Rivers about* London.

12. Coralloides *Philippenſis* cærulea punctata. *Obſerved in the* Philippine Iſles, *by that Curious Perſon* George Joſeph Camel, *who lately ſent me a Draught of this, and I ſuddenly expect from him many other Rarities in Nature.*

*To Mr.* John Owen *this* Table *is humbly Dedicated by* James Petiver *F. R. S.*

FINIS.